

Product datasheet for **RR206962**

Phf11 (NM_001024272) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phf11 (NM_001024272) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Phf11
Synonyms: Phf11a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206962 representing NM_001024272
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGAAGAGACAGCACCACCATGTGGCCAGTCTCAACTGGTGGCAGTCTGTCTCCAGAGAAGATGG
AGAAGAGGACATGTGCCCTCTGCCCTGATGGTCATGAGTGGAGTGTGATTTACTTTGCACCATCAGCAAA
TATAGCTGCTCATGAAAAGTGTGGTGTATTCATCAGGACTGGTGGAGTGTGGTCTCATGATCCACGT
AATCCAGCCAGAAGCTTTGCTGTAAAGTCAAGTGAAGAAAGAGATCTGGAGAGGGAGAAGATTGAAATGCT
CACTGTGTAACAAAGGAGGTGCCACCGTGGGATGTGATTTGTCATCCTGTAGGAAGATTACCACTATGT
CTGTGCCAAAAAGACCACGCAATTCCTCAAGTTGATGAGGATCTTGGAACTTACAAAATATTTTGCCCA
GAACATCCTCCACAGCAAGAAGAGACCACTGAACGTGCTGATAGTCCAAGCGTGAAGAAGACAGGAAAGA
AGAAAAGTCTCTCATCGGGCCCTCCACAGAGCCAAAAAGATGAAATTCAGTAGATTTAAAAGACTCAT
GAAGGAAGAGCCTCACGGCCACAAGATGCAGCTGTCAAAGCTCCTTTTCTTAAGAAATGCCTGGAAGCA
GGACTTCTTACTGAATTTTGAACAGATACTAGAAAAATGGATTCAATTCATGGAAGATTCATGGATG
AGACTGCTTCAGAGTCAGACTATGAAGGGATCAAGACCTTACTGTTTGACTGTGGACTATTTGGAGACAT
ACTAAGAAAATTCGAAGAAGTAATCAAGAGTAAACTTGTGAATATGAAGAAAGGCTGAACCAGATGAAG
CAGAAGCTTGAGGCACTCGCAGACTTACAAGAAAACCTGTGCTCATTTCAGAATGTGGGACCTGGACC
CCTCAGGCTCTACCTCAGGGTCCTTGCTACCTCCTGAGGACCACCACTGCAGATGCCAGGAGTCTCCTGA
AGTGAAGCAGGCTCAGGAGACAGCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206962 representing NM_001024272
 Red=Cloning site Green=Tags(s)

MAEETAPPCGPVSTGGSLSPKMEKRTCALCPDGHEWSVIYFAPSANIAAHENCLLYSSGLVECGPHDPR
 NPARSFAVKSVKKEIWRGRRLKCSLCKNGGATVGC DLSSCRKSYHYVCAKDHAIPOVDEDLGTYKIFCP
 EHPPQEEETTERADSPSVKKTGKKSLSSGPTEPKMKF SRFKRLMKEEPHGKDAAVKAPFLKKCLEA
 GLLTELFEQILEKMDSIHGRFMDETA SESDYEGIKTLLFDCGLFGDILRK FQEVIKSKTCEYEERLNQMK
 QKLEALADLQENLCSFQECGDLDPSTSGSLLPPEDHQRCQESPEVQAGSGDSL

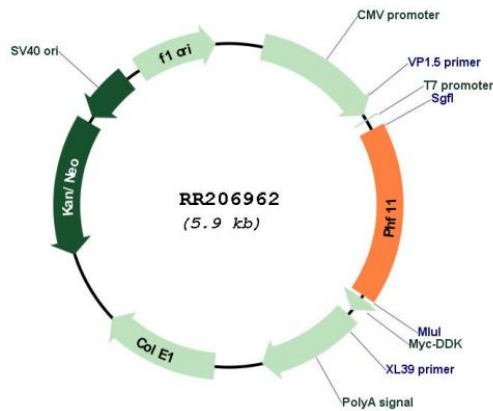
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001024272

ORF Size: 1008 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001024272.1 , NP_001019443.1
RefSeq Size:	1480 bp
RefSeq ORF:	1011 bp
Locus ID:	361051
UniProt ID:	Q5I0E2
Cytogenetics:	15p12
MW:	37.2 kDa
Gene Summary:	Positive regulator of Th1-type cytokine gene expression.[UniProtKB/Swiss-Prot Function]